

New Products...



Variable data imprinter

Thorn EMI has released the Cardwriter 1800, a high speed computer-controlled system that permanently imprints variable data on the front and/or back of standard plastic cards.

The 1800 accepts data from a microcomputer, magnetic tape or from a mainframe. The microprocessor interprets this data and prints from high security foil. If required, it can also en-

code the three tracks on the magnetic stripe of a standard plastic card.

The Cardwriter 1800 is a desk top system and can produce cards for PIN (personal identification numbers), customer lists, club cards, identification cards, etc.

For further information contact Thorn EMI Technology, 111 Wicks Road, North Ryde, NSW 2113.

Control system for security applications

The Proscan is a microprocessor control panel operated by a 16-button keypad. To use the panel the client must enter a unique 4-digit master code which is programmable by the owner. An additional auxiliary code is also available for use by the serviceman.

All the technical programming is done through the front keypad and the unit may be connected to most of the popular security communicators being sold in the marketplace.

Main features of the unit include seven alarm zones, an alarm memory, a built in 1A power supply and a one year warranty. Programmable options in-

Line conditioners from

Ferguson Transformers Pty Ltd has a range of ferroresonant line conditioners which provide a relatively constant output voltage regardless of supply line fluctuations. These come in six models ranging from ELC160 to ELC3500 and with ratings ranging from 160VA to 3500VA.

In addition to providing a constant output voltage, these units can provide isolation from electrical noise; modification of the input waveform from square to sine wave; or a combination of any

VZ serial terminal

Connecting a modem to the popular VZ-200 and VZ-300 computers is now possible with the recently released Serial Terminal kit from Dick Smith Electronics Pty Ltd. The kit is both inexpensive and easy to assemble.

When plugged into a VZ series computer, the serial interface provides all hardware and software necessary to emulate a simple 300 baud terminal with full or half duplex operation. It also has a printer echo option to record the conversation.

The device incorporates facilities to set serial data format, add an optional auto line feed on carriage return, and to dump all communications to a parallel printer if one is connected.

For further information contact Dick Smith Electronics Pty Ltd, PO Box 321, North Ryde, 2113. Telephone (02) 888 3200.

Piezoelectric buzzers and sirens

IRH Components now stock a slow pulsing version of their popular PKB5-3AO piezoelectric buzzer. This new buzzer includes internal oscillator circuitry and is driven by a DC supply between 3-30V. The resonant frequency is 2800Hz and the sound pressure, with an applied voltage of 9VDC, is typically 85dB at 30cm.

Also new from IRH is the KPE1100 range of piezo buzzers and sirens for the security industry. These high output sirens have an output of 110dB minimum at one metre with a voltage of 12VDC. The overall operating voltage is 6 to 12VDC, the current drain is 450mA maximum at 12VDC, and the output is swept between 1.5kHz and 3.5kHz.

For further information contact IRH Components, 32 Parramatta Road, Lidcombe, NSW 2141. Telephone (02) 648 5455.

